**Authors of Visual Organizer**: Amy Kelland, Stephen Gaal, Nakesha McKenzie

|  |  |
| --- | --- |
| **Vocabulary Term You Were Given**  Circle | **Visual Representations of this Term**  **MC900440405[1]MC900232267[1]** |
| **Definition in your own words** (do not go to the web)  Two-dimensional geometric shape, with a positive area, where each point on the perimeter is equidistant from the center. | **Personal associations with this term**  >> Pizza  >> CD/DVD  >> Wheel  >> Ring  >> Hula Hoop  >> Bagel  >> Frisbee  >> Donut  >> Face of a watch |

**Authors of Visual Organizer**:

|  |  |
| --- | --- |
| **Vocabulary Term You Were Given**  Exponent | **Visual Representations of this Term**  **23**  **1 2 3**  **X5 x x x x x**  **1 2 3 4 5** |
| **Definition in your own words** (do not go to the web)  An exponent is a number that is placed to the right and slightly above another number (or variable),the base, and represents how many times the base number is multiplied out to itself. | **Personal associations with this term**   * Radioactive Decay over time * Value of most cars over time * Bacteria growth over time |

**Authors of Visual Organizer**: Greg Lemieux & Alex Willison

|  |  |
| --- | --- |
| **Vocabulary Term You Were Given**  Variable | **Visual Representations of this Term**  any character, English or Greek alphabets  e.g. x, y, z, α, β, θ |
| **Definition in your own words** (do not go to the web)  A placeholder for an unknown number; anything that changes in value over an interval. | **Personal associations with this term**   * the price of gasoline * y=mx+b * interest rates * weather * stock market |

**Authors of Visual Organizer**:

|  |  |
| --- | --- |
| **Vocabulary Term You Were Given**  Nets | **Visual Representations of this Term** |
| **Definition in your own words** (do not go to the web)  A 2-D representation of a 3-D shape. Through folding, the net can be made into its 3-D form. | **Personal associations with this term**   * Flattening boxes (i.e. 6 packs) * Manufacturing * Moving boxes * Arts and crafts |

**Authors of Visual Organizer**: Nadine and Michelle

|  |  |
| --- | --- |
| **Vocabulary Term You Were Given**  Integers | **Visual Representations of this Term**  **D:\My Documents\School\Math Curriculum\Number Line.PNG** |
| **Definition in your own words** (do not go to the web)  An integer is a whole number which includes positive and negative numbers. | **Personal associations with this term**  A thermometer has positive and negative numbers  A bank account, you do not want negative numbers |

**Authors of Visual Organizer**: Mala Singh and Lisa Kosh

|  |  |
| --- | --- |
| **Vocabulary Term You Were Given**  PERIMETER | **Visual Representations of this Term**  **Perimeter = L+W+L+W**  W  W  L  L |
| **Definition in your own words** (do not go to the web)  The length of the border of a certain shape or object (Square, rectangle, triangle, polygons, etc.) | **Personal associations with this term**   * **Fences** * **Pool** * **Buildings** * **Gardens/Barn yards** |

**Authors of Visual Organizer**: Brian Legros and Jessica Stone

|  |  |
| --- | --- |
| **Vocabulary Term You Were Given**  Equation | **Visual Representations of this Term**  2x+4 = 12  1+1=2  a2+b2= c2  y=mx+b |
| **Definition in your own words** (do not go to the web)  A numerical sentence that may contain unknown variables (of numerical value) and operations, with an equal sign representing two sides that must be equivalent/balanced. | **Personal associations with this term**     * Comparing costs * Speed conversion, temperature conversion * Financing * Percentages, discounts |

**Authors of Visual Organizer**: Heather & Steve H

|  |  |
| --- | --- |
| **Vocabulary Term You Were Given**  Parallel Lines | **Visual Representation of this Term**  **Line a and line b are parallel to each other (shown by the double arrows).** |
| **Definition in your own words** (do not go to the web)  Two lines that go on forever that never, ever intersect. | **Personal Associations with this Term**  **Train tracks go on and on and don’t intersect.**  **A ladder has two parallel line segments.**  **These telephone lines are parallel between poles.** |

**Authors of Visual Organizer**: Doina Campean, Victoria Lyttle

|  |  |
| --- | --- |
| **Vocabulary Term You Were Given**  **Line Graph** | **Visual Representations of this Term**  **Black lines represent the system of coordinates**  **Green line is the line graph** |
| **Definition in your own words** (do not go to the web)  A graphical representation of a linear relationship between two variables. For example: y=x (see green line in visual representation box) | **Personal associations with this term**  **Lines, plots, analysis, business, sales, stocks, hospital charts, weather patterns, trends, predictions, understanding systems, astrophysics, CPU usage, animation, ski slopes, optimization, temperature, clothing design** |

**Authors of Visual Organizer**: Girthiga Gunarajah and Chris Nelan

|  |  |
| --- | --- |
| **Vocabulary Term You Were Given**  Cylinder | MC900048283[1]**Visual Representations of this Term** |
| **Definition in your own words** (do not go to the web)   * 3-D geometric prism * Two sides being equal parallel circles or ellipses * It has three faces (2 circles and a long rectangle wrapped around the circumference) * The long rectangle is wrapped around so that opposite ends are attached | **Personal associations with this term**   * Can * Pot * Bucket * Fire extinguisher * Chalk * Coffee mug * Water bottle * Pencil sharpener (the round ones) * Toilet paper roll |

**Authors of Visual Organizer**: Christe Marbbn, Nathan Chow

|  |  |
| --- | --- |
| **Vocabulary Term You Were Given**  Rectangular Prism | **Visual Representations of this Term** |
| **Definition in your own words** (do not go to the web)  A three dimensional object that has six sides which are all rectangles. Opposing rectangles run parallel. | **Personal associations with this term**  **Lego!**  **Kleenex Boxes**  **Laptops**  **DVD players Tables** |

**Authors of Visual Organizer**: Gregory Leverton, Liz Wunderlich

|  |  |
| --- | --- |
| **Vocabulary Term You Were Given**  Percent | **Visual Representations of this Term**  **%**  35%  65% |
| **Definition in your own words** (do not go to the web)  A ratio with respect to 100  A portion of a whole number out of 100 | **Personal associations with this term**  Can be used with grades in school, discounts with shopping, taxes, budgets, interest |

**Authors of Visual Organizer**: Mala Singh and Lisa Kosh

|  |  |
| --- | --- |
| **Vocabulary Term You Were Given**  PERIMETER | **Visual Representations of this Term**  **Perimeter = L+W+L+W**  W  W  L  L |
| **Definition in your own words** (do not go to the web)  The length of the border of a certain shape or object (Square, rectangle, triangle, polygons, etc.) | **Personal associations with this term**   * **Fences** * **Pool** * **Buildings** * **Gardens/Barn yards** |

**Authors of Visual Organizer**: Steve R, Rubina

|  |  |
| --- | --- |
| **Vocabulary Term You Were Given**  Fractions | **Visual Representations of this Term**  **fractions_3bmuGlass_Half_Full_Picture** |
| **Definition in your own words** (do not go to the web)  A fraction is part of a whole, where a “whole” is an object or number or entity that is identifiable as “one”. So a fraction is some part of the whole that is less than “one”.  Extensions to the concept include improper fractions and mixed fractions where we represent a quantity greater than one. However, there is always a component of such representations that is less than one. Note that improper fractions are readily converted to mixed fractions. | **Personal associations with this term**  **Pizza**  **Marks (grades on a test)**  **Baking**  **Coins (money)**  **Sport (half time, midfield)**  **Time (“quarter-after”)**  **Fuel tank level** |

**Authors of Visual Organizer**: Andy Smithe, Amy LaRue

|  |  |
| --- | --- |
| **Vocabulary Term You Were Given**  Trapezoid | **Visual Representations of this Term** |
| **Definition in your own words** (do not go to the web)  A four sided shape  It has 2 sides that are parallel and 2 that are not. | **Personal associations with this term**  The shape reminds me of 2 trapeze artists at the 2 extremes, still on their platforms before jumping off. |

**Authors of Visual Organizer**: Yana, Julian

|  |  |
| --- | --- |
| **Vocabulary Term You Were Given**  Triangular Prism | **Visual Representations of this Term** |
| **Definition in your own words** (do not go to the web)  Two parallel triangles connected by three rectangles. | **Personal associations with this term**  The roof of a house.  Curb on a road.  Light Prism.  Name Tags.  Door Stop.  Axe or hatchet blade.  Ramp. |